

CERTIFICATE OF ANALYSIS

Order Type: CBD **Customer ID:** 32 **Harvest/Extract Lot:** None
Order ID: OR2019-3868 **Customer Name:** CBD Plus USA **Harvest/Extract Batch:** 05/20/2019

Cultivar (Strain): 500mg Full Spectrum Strawberry Lemonade **Lab ID:** SA2019-12440 **Sample Matrix:** Oil/Tincture
Sample Date: 09/18/2019 **Date Received:** 09/18/2019 **Date Completed:** 09/23/2019

Remarks:

CANNABINOID (POTENCY) PROFILE

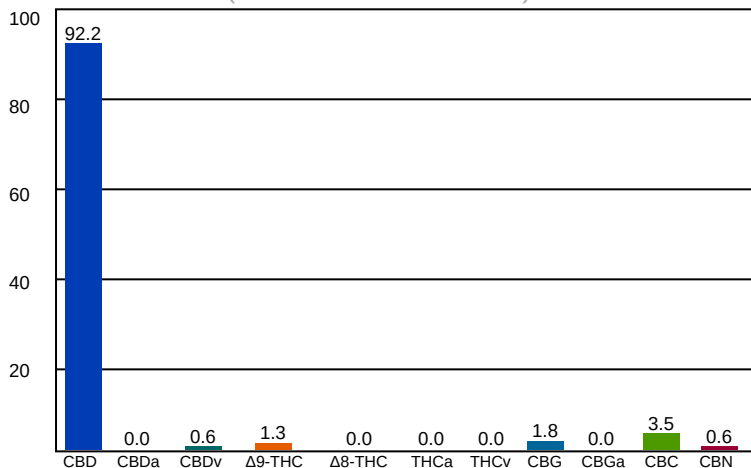
Analysis Date/Time: 09/19/2019 1643 **Method:** HPLC/DAD (Internal Method-001) **Moisture Content (%):** -
Analyst: OL **Instrument:** Agilent 1100 **Water Activity (aw):** -

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	1.96	19.6	0.0025	18.8	589
CBDa	-	-	0.0025	-	-
CBDv	0.0127	0.127	0.0025	0.122	4
Δ9-THC	0.028	0.28	0.0025	0.268	8
Δ8-THC	-	-	0.0025	-	-
THCa	-	-	0.0025	-	-
THCv	-	-	0.0025	-	-
CBC	0.0743	0.743	0.0025	0.713	22
CBG	0.0382	0.382	0.0025	0.367	11
CBGa	-	-	0.0025	-	-
CBN	0.013	0.13	0.0025	0.125	4



TOTAL	2.13	21		20.4	639	UNIT MASS (g): 30
TOTAL THC	0.028	0.28		0.268	8	"-" Not detected above RL.
TOTAL CBD	1.96	20		18.8	589	

Cannabinoid Distribution (% of Total Cannabinoids)



Deviations from standard operating procedure: None

Recoveries for all analyte standards: 90-110%
 Replicate Uncertainties: <5% RSD, <20% RPD
 Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total THC = (THCa x 0.877) + Δ9-THC
 Total CBD = (CBDa x 0.877) + CBD

Percentage results are reported by mass.
 mg/g results are reported as mass component per mass material.

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation

This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.

The statements and results herein have not been approved and/or endorsed by the FDA.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology (F.A.S.T.), LLC

Kyle W. Felling
 Kyle W. Felling, Ph.D.
 Laboratory Director